

## SEQUENCE LISTING

&lt;110&gt; APPLERA CORPORATION et al.

<120> ISOLATED HUMAN TRANSPORTER PROTEINS,  
NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,  
AND USES THEREOF

&lt;130&gt; CL001361-PCT

&lt;160&gt; 4

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 2679

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

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Cys	Thr	Asn	Ser	Lys	Glu	Gln	Asp	Ser	Gln	Phe	Lys	Val	Thr	Tyr	Asp
			340					345					350		
Met	Ile	Gly	Gly	Leu	Asn	Ser	Gln	Leu	Lys	Ala	Ile	Arg	Glu	Ile	Ile
		355					360					365			
Glu	Leu	Pro	Leu	Lys	Gln	Pro	Glu	Leu	Phe	Lys	Ser	Tyr	Gly	Ile	Pro
	370					375					380				
Ala	Pro	Arg	Gly	Leu	Leu										



Arg	Phe	Asp	Lys	Glu	Ile	Glu	Ile	Gly	Ile	Pro	Asn	Ala	Gln	Asp	Arg
		515					520					525			
Leu	Asp	Ile	Leu	Gln	Lys	Leu	Leu	Arg	Arg	Val	Pro	His	Leu	Leu	Thr
	530					535					540				
Lys	Ala	Glu	Leu	Leu	Arg	Leu	Ala	Asn	Asn	Ala	His	Gly	Tyr	Val	Gly
	545				550					555					560
Ala	Asp	Leu	Lys	Ala	Leu	Cys	Asn	Glu	Ala	Gly	Leu	His	Ala	Leu	Arg
				565					570						575
Arg	Val	Leu	Arg	Lys	Gln	Pro	Asn	Leu	Pro	Asp	Ser	Lys	Val	Ala	Gly
			580					585					590		
Met	Val	Lys	Ile	Thr	Leu	Asn	Asp	Phe	Leu	Gln	Gly	Met	Asn	Asp	Ile
		595				600						605			
Arg	Pro	Ser	Ala	Met	Arg	Glu	Val	Ala	Ile	Asp	Val	Pro	Asn	Val	Ser
	610					615					620				
Trp	Ser	Asp	Ile	Gly	Gly	Leu	Glu	Asn	Ile	Lys	Leu	Lys	Leu	Lys	Gln
	625				630					635					640
Ala	Val	Glu	Trp	Pro	Leu	Lys	His	Pro	Lys	Ser	Phe	Asn	Arg	Met	Gly
				645					650						655
Ile	Gln	Pro	Pro	Lys	Gly	Val	Leu	Leu	Tyr	Gly	Pro	Pro	Gly	Cys	Ser
			660					665					670		
Lys	Thr	Met	Ile	Ala	Lys	Ala	Leu	Ala	Asn	Glu	Ser	Gly	Leu	Asn	Phe
		675					680					685			
Leu	Ala	Ile	Lys	Gly	Pro	Glu	Leu	Met	Asn	Lys	Tyr	Val	Gly	Glu	Ser
	690					695					700				
Glu	Arg	Ala	Val	Arg	Glu	Ile	Phe	Arg	Lys	Ala	Arg	Ala	Val	Ala	Pro
	705				710					715					720
Ser	Ile	Ile	Phe	Phe	Asp	Glu	Leu	Asp	Ala	Leu	Ala	Val	Glu	Arg	Gly
				725					730						735
Ser	Ser	Ser	Gly	Ala	Gly	Asn	Val	Ala	Asp	Arg	Val	Leu	Ala	Gln	Leu
			740					745					750		
Leu	Thr	Glu	Met	Asp	Gly	Ile	Glu	Gln	Leu	Lys	Asn	Val	Thr	Val	Leu
		755					760					765			
Ala	Ala	Thr	Asn	Arg	Pro	Asp	Arg	Ile	Asp	Lys	Ala	Leu	Met	Arg	Pro
	770					775					780				
Gly	Arg	Ile	Asp	Arg	Ile	Ile	Tyr	Val	Pro	Leu	Pro	Asp	Ala	Ala	Thr
	785				790					795					800
Arg	Arg	Glu	Ile	Leu	Asn	Leu	Gln	Phe	His	Ser	Met	Pro	Ile	Ser	Asn
				805					810					815	
Glu	Val	Asp	Leu	Asp	Glu	Leu	Val	Leu	Gln	Thr	Asp	Thr	Tyr	Ser	Gly
			820					825					830		
Ala	Glu	Ile	Ile	Ala	Val	Cys	Lys	Glu	Ala	Ala	Leu	Leu	Ala	Leu	Glu
			835				840					845			
Glu	Asn	Ile	Lys	Ala	Asp	Cys	Ile	Met	Lys	Arg	His	Phe	Thr	Glu	Ala
	850					855					860				
Leu	Ser	Ile	Val	Thr	Pro	Arg	Ile	Pro	Glu	Ser	Leu	Arg	Arg	Phe	Tyr
	865				870					875					880
Glu	Asp	Tyr	Gln	Glu	Lys	Ser	Gly	Leu	His	Thr	Val				
				885					890						